AMENDMENTS TO THE CLAIMS

Please cancel claims 3-4, 6, 8-9, 11, 14, 17, 19-20, and 22 without prejudice to or disclaimer of the subject matter recited therein. Additionally, please amend claims 1-2, 5, 7, 10, 12-13, 15-16, 18, 21, and 23-29 to read as shown below and add new claims 31-47 as shown below.

1. (Currently Amended) A medical laser system, comprising:

a laser device ~~for the generation of~~ operable to generate laser radiation;

a light guide ~~for guiding~~ operable to guide the generated laser radiation;

a mounting device operable to releasably couple the light guide to the laser device;

~~a data medium for identity data connected to the light guide; and~~

~~a readout device for reading out the identity data.~~

a transponder comprising a readable and writable data medium operable to store identity data and specific data, the transponder being coupled to the light guide such that the transponder cannot be removed from the light guide without damaging the transponder; and

a transmitter coupled to the laser device and operable to contactlessly transmit the specific data to the transponder, the specific data comprising information regarding each use of the light guide in conjunction with the laser device,

wherein the transponder is configured such that it cannot delete, overwrite, or modify the stored specific data or identity data.

2. (Currently Amended) The medical laser system of claim 1, further comprising a ~~wherein the~~ readout device ~~is arranged within~~ coupled to the laser device and operable to read the identity data from the transponder for use by the laser device.

3. (Cancelled).

4. (Cancelled).

5. (Currently Amended) The medical laser system of claim 1, wherein the identity data ~~contains~~ comprises information about at least one of a manufacturer of the light guide, an end date of use of the light guide, a transmission of the light guide, a type designation of the light guide, a maximum transmission power of the light guide, and a fiber diameter of the light guide.

6. (Cancelled).

7. (Currently Amended) The medical laser system of claim 1, wherein the laser device is operable to ~~only emits~~ generate laser radiation only ~~to the light guide~~ when the ~~write device~~ transmitter has a data connection to the data medium.

8. (Cancelled).

9. (Cancelled).

10. (Currently Amended) The medical laser system of claim ~~9~~ 1, wherein the ~~application data~~ information regarding each use of the light guide comprises information about at least one of a laser energy passed to the light guide, a number of treatments with the light guide, a date of the treatment with the light guide, ~~or~~ and an identification ~~data~~ of the laser device~~, and wherein the application data is saved in the data medium using the memory device~~.

11. (Cancelled).

12. (Currently Amended) The medical laser system of claim ~~9~~ 1, ~~wherein the laser system~~ further comprising ~~comprises~~ an evaluation device ~~for~~ operable to read ~~reading out~~ and evaluate ~~evaluating~~ the identity data and the ~~application~~ specific data ~~that has been saved~~.

13. (Currently Amended) The medical laser system of claim 1, wherein the identity data and the ~~application~~ specific data are saved in encrypted form in the data medium.

14. (Cancelled).

15. (Currently Amended) The medical laser system of claim ~~14~~ 1, wherein the ~~data medium~~ transponder is ~~essentially mounted inseparably in the part of the mounting device fitted to the light guide~~ coupled to the light guide by being coupled to the mounting device by at least one of ~~the method of~~ encapsulation, welding, ~~or~~ and gluing.

16. (Currently Amended) The medical laser system of claim ~~14~~ 1, wherein the mounting device is one of a plug, a screw, ~~or~~ and a bayonet connection.

17. (Cancelled).

18. (Currently Amended) A light guide system, comprising:

a light guide ~~for guiding~~ operable to guide laser radiation~~, wherein the light guide can be~~ and configured to be releasably coupled to a laser device ~~using~~ via a mounting device; and

~~a data medium for identity data connected to the light guide.~~

a transponder comprising a readable and writable data medium operable to store identity data and specific data, the transponder being coupled to the light guide such that the transponder cannot be removed from the light guide without damaging the transponder, and the specific data comprising information received from the laser device regarding each use of the light guide in conjunction with the laser device,

wherein the transponder is configured such that it cannot delete, overwrite, or modify the stored specific data or identity data.

19. (Cancelled).

20. (Cancelled).

21. (Currently Amended) The light guide system of claim 18, wherein the identity data ~~contains~~ comprises information about at least one of a manufacturer of the light guide, an end date for usage of the light guide, a transmission of the light guide, a type designation of the light guide, a maximum transmission power of the light guide, ~~or~~ and a fiber diameter of the light guide.

22. (Cancelled).

23. (Currently Amended) The light guide system of claim ~~22~~ 18, wherein the information regarding each use of the light guide ~~application data contains~~ comprises information about at least one of a laser energy passed to the light guide, a number of treatments with the light guide, a date for the treatment with the light guide, ~~or~~ and an identification ~~data~~ of the laser device~~, and wherein application data already saved in the data medium cannot be deleted, overwritten, or modified~~.

24. (Currently Amended) The light guide system of claim ~~22~~ 18, wherein the identity data and the ~~application~~ specific data are saved in encrypted form in the data medium.

25. (Currently Amended) The light guide system of claim 18, further comprising ~~a~~ the mounting device, wherein the mounting device ~~is constructed of~~ comprises a material that essentially does not ~~screen~~ shield electromagnetic radiation in ~~the~~ a frequency range of a transmission and reception range of the transponder; and

wherein the transponder is configured to be coupled to the light guide by being coupled to the mounting device.

26. (Currently Amended) The light guide system of claim 25, wherein the mounting device ~~is constructed of~~ comprises plastic.

27. (Currently Amended) The light guide system of claim 25, wherein the light guide is essentially inseparably coupled to ~~with~~ the mounting device ~~is essentially connected inseparably~~ and wherein the transponder is welded to the mounting device.

28. (Currently Amended) The light guide system of claim 25, wherein the light guide is essentially inseparably ~~connected~~ coupled to the mounting device and the transponder is glued to the mounting device.

29. (Currently Amended) The light guide system of claim 25, wherein the light guide is essentially inseparably ~~connected~~ coupled to the mounting device and the transponder is encapsulated in the mounting device.

30. (Original) The light guide system of claim 18, wherein the light guide is an expendable light guide.

31. (New) The medical laser system of claim 1, further comprising an alert device operable to generate an alert in response to a determination that at least a portion of the stored specific data exceeds a threshold.

32. (New) The medical laser system of claim 31, further comprising a display device operable to display the generated alert.

33. (New) The medical laser system of claim 1, wherein the laser device is configured to generate laser radiation only in response to a determination that the stored specific data does not exceed a threshold.

34. (New) A medical laser system, comprising:

a laser device operable to generate laser radiation;

a light guide releasably coupled to the laser device via a mounting device and operable to guide the generated laser radiation;

a transponder comprising a readable and writable data medium operable to store identity data and specific data, the transponder being coupled to the light guide such that the transponder cannot be removed from the light guide without damaging the transponder; and

a transmitter operable to contactlessly transmit the specific data to the transponder, the specific data comprising information regarding each use of the light guide in conjunction with the laser device,

wherein the transponder is configured to store the transmitted specific data as a new data set and to apply encryption to the new data set, thus preventing any already stored specific data from being deleted, overwritten, or modified.

35. (New) The medical laser system of claim 34, wherein the identity data comprises information about at least one of a manufacturer of the light guide, an end date of use of the light guide, a transmission of the light guide, a type designation of the light guide, a maximum transmission power of the light guide, and a fiber diameter of the light guide.

36. (New) The medical laser system of claim 34, wherein the information regarding each use of the light guide comprises information about at least one of a laser energy passed to the light guide, a number of treatments with the light guide, a date of the treatment with the light guide, and an identification of the laser device.

37. (New) The light guide system of claim 34, further comprising the mounting device, wherein the transponder is coupled to the light guide by being coupled to the mounting device by at least one of encapsulation, welding, and gluing.

38. (New) The medical laser system of claim 34, further comprising an alert device operable to generate an alert in response to a determination that at least a portion of the stored specific data exceeds a threshold.

39. (New) The medical laser system of claim 38, further comprising a display device operable to display the generated alert.

40. (New) The medical laser system of claim 34, wherein the laser device is configured to generate laser radiation only in response to a determination that the stored specific data does not exceed a threshold.

41. (New) A medical laser system, comprising:

a laser device operable to generate laser radiation;

a light guide coupled to the laser device and operable to guide the generated laser radiation; and

a transponder coupled to the light guide, the transponder comprising a data medium operable to store identity data and specific data, and the transponder being configured such that it cannot delete, overwrite, or modify the stored data.

42. (New) The medical laser system of claim 41, wherein the transponder is coupled to the light guide such that the transponder cannot be removed from the light guide without damaging the transponder.

43. (New) The medical laser system of claim 41, further comprising a transmitter operable to transmit the specific data to the transponder, the specific data comprising information regarding each use of the light guide in conjunction with the laser device.

44. (New) The medical laser system of claim 43, wherein the transmitter is operable to contactlessly transmit the specific data to the transponder.

45. (New) The medical laser system of claim 41, further comprising an alert device operable to generate an alert in response to a determination that at least a portion of the stored specific data exceeds an operation threshold.

46. (New) The medical laser system of claim 45, further comprising a display device operable to display the generated alert.

47. (New) The medical laser system of claim 41, wherein the laser device is configured to generate laser radiation only in response to a determination that the stored specific data does not exceed an operation threshold.